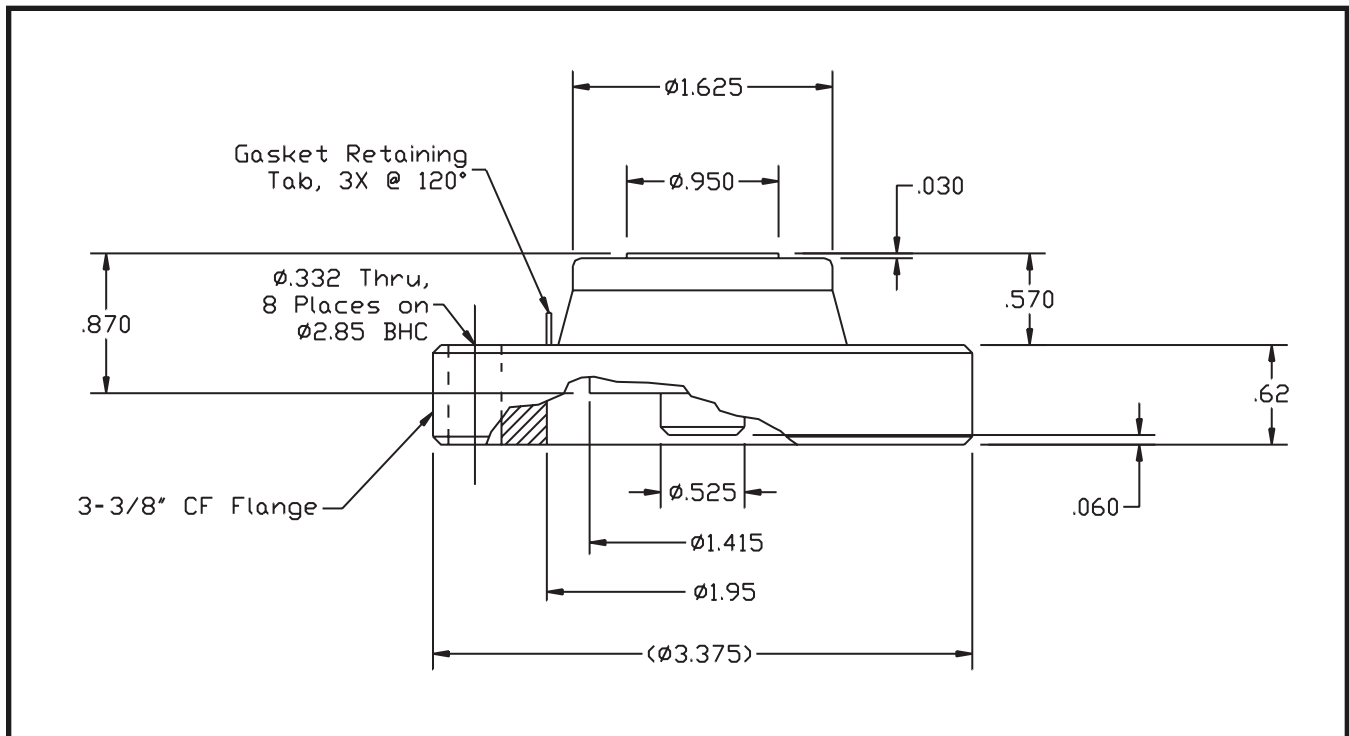


HWEG-101227 Electron Gun Specifications

Conflat Size	3-3/8"
Grid - Cathode Spacing (DGK)	160 microns (cold)
Emission, typical *	18A @ $E_c=100V$ , .0001 Duty
Cathode Area	3.0 cm <sup>2</sup> (Ø .77")
Cathode Heater Voltage *	6.0/7.5 V
Cathode Heater Current, typ. *	8.0A @ 6.0V
Cathode Type	Planer Dispenser
Cathode Life **	10,000 Hours @ 8 Amps 100,000 Hours @ 1 Amp

\* Actual values are subject to Anode and system configurations.

\*\* Cathode lifetimes are theoretical and under ideal conditions.



HWEG-101227 Dimensions and Grid Configuration